

REMARKS

Claims 1-9 are pending. By this Amendment, claims 1 and 4 are amended and new claims 5-9 are added. No new matter has been added. Reconsideration in light of the above amendments and following remarks is respectfully requested.

I. The Claims Define Patentable Subject Matter

The Office Action rejects claims 1 and 3-4 under 35 U.S.C. §103(a) over Applicant's Admitted Prior Art (AAPA) in view of Kobayashi1 (U.S. Patent Publication No. 2001/0025944); and rejects claim 2 under 35 U.S.C. §103(a) over Kobayashi1 in view of Kobayashi2 (U.S. Patent No. 6,468,441). The rejections are respectfully traversed.

In particular, neither AAPA, Kobayashi1 nor Kobayashi2, individually or in combination, discloses or suggests a first edgewise winding which is formed of a first rectangular insulated wire, and which is provided around a core leg of said Mn-Zn ferrite core, and a second edgewise winding which is formed of second rectangular insulated wire, and which is provided around a core leg of the Mn-Zn ferrite core located oppositely to the core leg having the first edgewise winding, as recited in independent claim 1, and similarly recited in independent claim 4.

Nowhere does AAPA's Figs. 6-7 disclose or suggest the above-noted features of the claims. One of the benefits derived from the features of the claims is that the claimed common mode choke coil can be used in a line filter in which no by-path capacitors are provided and high frequency noise can be removed.

Moreover, the claims recite the first and the second edgewise windings are wired independently with each other. This feature simplifies the complicated combination of windings as shown in AAPA's Fig. 6.

Neither Kobayashi1 nor Kobayashi2 compensate for the above-noted deficiencies of AAPA.

Kobayashi¹ discloses in the Abstract an Mn-Zn ferrite having an initial permeability of 3000 or more at 100 kHz and 100 or more at 10 MHz. The main components of the Mn-Zn ferrite are 44.0 to 49.8 mol % Fe₂O₃, 15.0 to 26.5 mol % ZnO, 0.02 to 1.00 mol % Mn₂O₃ and the remainder MnO.

Kobayashi² discloses in the Abstract an Mn-Zn ferrite with 0.1 to 3.0 mol % CoO.

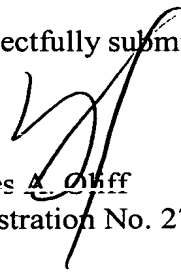
Therefore, Applicant respectfully submits that independent claims 1 and 4 define patentable subject matter. Claims 2-3 and 5-9 depend on the respective independent claims 1 and 4, and therefore also define patentable subject matter as well as for the other features they recite. Accordingly, withdrawal of the rejections under 35 U.S.C. §103(a) is respectfully requested.

II. Conclusion

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 1-9 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,


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